

VARIETIES
OF THE
COPPER ISSUES
OF THE
UNITED STATES' MINT
IN THE YEAR 1794.

SECOND EDITION.

BY EDWARD MARIS, M. D.



PHILADELPHIA:
PRINTED BY WILLIAM K. BELLOWS,
Corner Fourth Street and Apple Tree Alley.

1870.

VARIETIES
OF THE
COPPER ISSUES
OF THE
UNITED STATES' MINT
IN THE YEAR 1794.

SECOND EDITION.

BY EDWARD MARIS, M. D.



PHILADELPHIA:
PRINTED BY WILLIAM K. BELLOWS,
Corner Fourth Street and Apple Tree Alley.
1870.

With its acknowledged imperfections and incompleteness,
the work is respectfully inscribed to
THE AMERICAN NUMISMATIC AND ARCHÆOLOGICAL SOCIETY.

PREFACE.

The object of the following pages as stated in the former edition, is to describe the different varieties of the United States Coppers of 1794, so as to enable the collector to recognize any given specimen, in fair condition. The whole subject has been carefully gone over, some points noted that were observed since the first publication was issued, a number of errors corrected and descriptions added of four varieties of the Cent and one of the Half Cent, that have recently come into my possession. For purposes of improvement, criticism has been invited, the suggestions of numismatic acquaintances duly weighed, and a great number of pieces examined. Encouragement has been derived from personal intercourse, as well as through correspondents in different parts of the United States and Canada, and largely from kindly notices in two of our Numismatic monthlies.

The opinion heretofore expressed, that one cause of the number of varieties arose from the necessity of supplying the places of those dies which were broken, is corroborated by the descriptions here given, where it may be noticed that not less than twenty were thus injured, out of sixty-four; the whole number described being made with thirty-one obverses and thirty-three reverses.

The measurements are made from the American numismatic scale—that is sixteenths of an inch.

The scarcer Cents as here described, are believed to be those numbered 1, 3, 4, 6, 13, 14, 25, 30, 31, 33, 39, 40, 41, 42 and 43. Those known to be common are numbered 7, 9, 10, 11, 12, 15, 17, 21, 22, 28, 29, 32, 34, 36 and 37. All the halves are easily found excepting the fourth.

The following names are proposed to distinguish the varieties of the Cent from each other.

- | | | |
|---------------------|---------------------|---------------------|
| 1. '93 Head. | 13. Standless 4. | 29. Marred Field. |
| 2. Double Chin. | 14. Abrupt Hair. | 31. Distant 1. |
| 3. Sans Milling. | 15. Separated Date. | 32. Shielded Hair. |
| 4. Tilted 4. | 17. The Ornate. | 34-6-7. The Plicæ. |
| 5. Young Head. | 18. Venus Marina. | 38. Roman Plica. |
| 6. The Coquette. | 20. Fallen 4. | 39. '95 Head. |
| 7. Crooked 7. | 21. Short Bust. | 41. Egeria. |
| 10. Pyramidal Head. | 23. Patagonian. | 42. Trephined Head. |
| 11. Many Haired. | 26. Amiable Face. | 43. Crowded Date. |
| 12. Scarred Head. | 28. Large Planchet. | |

Philadelphia Fourth Mo. 5th. 1870.

CENTS OF 1794.

No. 1.—Head of 1793. Date 5 wide and straight. Figures near the bust, the 4 almost touching it is slightly blunted at the top. Letters of the legend “Liberty,” have an indentation on the lower part of each.

Reverse. The point in the centre is between e and n in “Cent,”—nearly touching the latter. Top of n joins the top of e in “One.” Stems of the wreath inclined to each other 94° . Lengths, of the left, $3\frac{1}{2}$, of the right, $3\frac{3}{4}$, from the point where they cross each other.

No. 2.—Head slightly different from the last; the hair short; the chin double. Date curved, the figures of equal size and in proper position, more distant from the bust than the last.

Rev. Same as No. 1.

No. 3.—Date wide. Legend “Liberty,” has the letters further apart than those previously described. Liberty-pole expanded and flattened at the end. Not the slightest trace of any milling on this side of the coin, contrasts with the reverse, which is protected by a bold and serrated elevation around the edge. I have not found any other variety of the '94 cent without milling on either side.

Rev. Same as No. 1.

No. 4.—Head resembles the first. Date $5\frac{1}{2}$ wide; the figures 179, of equal size and at equal distances: the 4 below its proper position and not straight, the top blunt— $\frac{7}{8}$ ths from the bust—and the cross is prolonged downwards.

Rev. S and t of "States," close together and parallel. Stems $3\frac{1}{2}$ and $2\frac{3}{4}$, inclined to each other 104° .

No. 5.—Sharp top to the figure 4 touches the bust; the 7 and 9 too near each other. R of "Liberty," very near the head. This die was cracked through the perpendicular of E, from the milling through the central elevation on the top of the head.

Rev. First S in "States," distant from t. U and n of "United," almost touch each other at the top, and the d is out of its proper position. End of the right ribbon very long and nearly touching the last 0 of the 100. The stems inclined 100° ; left $3\frac{1}{4}$, right $2\frac{1}{2}$.

No. 6.—Date like the last. L of "Liberty," very near the cap. The point where the first three hairs become separated below the ear, is the centre of an arc formed on the neck by the wave of the hair.

Rev. Same as No. 5.

No. 7.—Date differs from those of No's 5 and 6, in the figure 7 having the tail inclined toward, instead of being parallel with the figure 1. The first and second hairs leave the neck near its lower part, while the third hair comes off just below the ear.

Rev. Same as No. 5.

No. 8.—*Obverse.* Same as No. 7. The die was cracked transversely.

Rev. In "States," the t and a are joined at the bottom. The n in "One," has the connecting line of the perpendicular prolonged at the lower extremity. Stems 3 each; Inclined 120° .

No. 9.—*Obv.* Same as No. 8.

Rev. In "States," the t is too far from the edge, and the a too near it; the latter is also remarkably out of its proper position. Left stem, $2\frac{3}{4}$, right, 3; inclined 115° .

No. 10.—Date close; 7 parallel with 1; 4 sharp and not near the bust. A straight line drawn through the centre of the letter B, and the point of contact of the pole and hair, and extended, will pass through a channel made by the terminal depressions of the curls, excepting the three lowest ones.

Rev. C in "Cent," distant from the nearest leaf, 1. M in "America," and the first t in "States," not in proper position. Stems each $2\frac{1}{2}$, at an angle of 118° . Width of figures 100, 3.

No. 11.—Head large and near the bust. Date wide, $5\frac{1}{2}$; figures, 1 near the hair, 4 not near the bust. Fourteen hairs pass down over the neck. The end of the pole is sharp and touches the milling.

Rev. E in "States," f in "Of" and the first A in "America," not in good position. Stems $2\frac{1}{2}$ and $2\frac{3}{4}$, inclined 119° .

No. 12.—Figure 7 too low at the top and too short. An irregular ellipsoidal depression, 3 long, below the hair brushed back of the ear, and on the hair which passes down to the back of the neck, distinguishes this variety. This die was broken in two pieces across through L, out to the right of the 4.

Rev. The C in "Cent," too small. Stems 3 each, 110° .

No. 13.—Figure 4 has no horizontal stand. The die was broken from the edge near the end of the liberty-pole, which is grazed by the fracture, through the angle of the neck, across the cheek.

Rev. M in "America," too small and r too large. Stems 3 each ; angle 112° .

No. 14.—Figures widely separated and near the milling. "Liberty" near the milling. Two coarse hairs pass near the liberty-cap and terminate abruptly : two termini of hairs below the cap are not connected with the hairs of the head.

Rev. Stems $2\frac{1}{2}$ each ; inclined 136° . Die broken ; one crack from the edge between a and t of "States," curves into O in "One." The other passes through d in "United," straight to the top of C in "Cent," then curves into n in "One."

No. 15.—Date and legend resemble the last. The 7 and 9 far apart. 4 nearer the bust. The impression is weak.

Rev. From the end of the left stem, to the extreme left of the ribbon bow, 3 ; stems 3 and $2\frac{3}{4}$; angle 120° ; line between 1 and 100, $2\frac{1}{2}$. The die was broken, first through e in "States," toward the centre, afterwards through the first S in the same word, toward the same point.

No. 16.—*Obv.* Same as No. 15.

Rev. From the end of left stem, to the extreme left of ribbon bow, 4. Left stem $3\frac{1}{4}$, right 3. Angle 113° .

No. 17.—Date 6 wide. "Liberty" indented on the lower edge, like No. 1. R from the head, and L from the cap, each $1\frac{1}{2}$. Hair brushed over the ear very prominently ; has eight termini.

Rev. E in "One," and t in "Cent," slightly too short at the top. C and a of "America," nearly touch. Stems 3 each ; angle 110° .

No. 18.—Date $5\frac{3}{4}$. “Liberty” not indented. Hair very long. Cap nearer the milling. Otherwise bears a strong resemblance to No. 17.

Rev. C and a of “America,” not near. Stems 3 each. Angle 124° . Line between 1 and 100, $2\frac{1}{4}$. This die was cracked through the first S in “States,” and toward the centre.

No. 19.—*Obv.* Same as No. 18. Die cracked through L of the legend, in a curved line across the cap.

Rev. Stems $2\frac{3}{4}$ each; angle 125° . The left hand wreath has one, instead of two berries opposite the top of the adjoining ribbon bow. The latter very much out of place.

No. 20.—The 7 is inclined toward the 1; the 9 near the bust; the 4 below its proper place and crowded near the 9.

Rev. Stems $3\frac{1}{4}$ each, inclined 101° . The dividing line of the fraction, touches the right ribbon end.

No. 21.—Date close; the 4 sharp at the top and touching the bust. Hair very curly, the ear a point. From the top of the head to the end of the lowest curl, only 12: hence this variety has been called the *short bust* '94. A line passes transversely across the date, from 1 over 7 to the milling. Another passes along the outer border of the cap.

Rev. Stems 3 and $2\frac{1}{2}$, inclined 130° . The die cracked in a radius from the centre to the edge, between “Of,” and “States.”

No. 22.—*Obv.* Same as No. 21.

Rev. Stems $2\frac{1}{2}$ each; inclined 135° . Die cracked through U in “United” and O in “One,” into the upper part of the left hand half-wreath.

No. 23.—Head large and near the legend. Also near the date, the first and last figures of which it touches. The Liberty cap touches the milling which is deep and serrated. Depression above the chin in profile, unusually deep, the ala of the nose prominent and the hair coarse.

Rev. E of "One," too high. Top of t in "Cent," too low. Stems inclined 135° ; left $2\frac{1}{2}$, right 3.

No. 24.—*Obv.* Same as No. 23.

Rev. Stems 3 and $2\frac{1}{2}$; inclined 128° . Peculiarities mentioned in the last, not found in this.

No. 25.—*Obv.* Same as No. 17.

Rev. Deep milling—the wreath weak—the legends bold. Stems $3\frac{1}{2}$ and 3; inclined 102° . R of "America," has a remarkably long tail.

No. 26.—"Liberty" indented on the lower edge. Date has narrow figures—the 7 small and the 9 not in correct position. Physiognomy remarkably amiable. The two lower curls are shown, one of them behind and below the other. This variety is sometimes found on a large planch.

Rev. Same as No. 25.

No. 27.—*Obv.* Same as No. 26.

Rev. Stems $2\frac{7}{8}$ ths each. Dividing line of the fraction, 3. Angle 124° . Ribbon knot prominent.

No. 28.—"Liberty," very slightly indented on the lower edge. Milling quite delicate. Figures of equal size and moderate width. Many specimens of this variety are on planchets of the largest size.

Rev. Stems each $2\frac{1}{2}$; inclined 119° . Numerator of the fraction touches the dividing line. Lower parts of a and the last t in "States," almost join.

No. 29.—Bears a close resemblance to No. 26, excepting that the legend is not indented. There are two wedge-shaped elevations in the field, opposite to and in a line with the termini of the 2nd 3d and 4th hairs, the larger being interior to the smaller and inverted.

Rev. Same as No. 27.

No. 30.—*Obv.* Same as No. 29.

Rev. Stems $2\frac{1}{2}$, each; angle, 130° . Line between 1 and 100, $2\frac{1}{2}$. N in "United," has the top of the connecting line prolonged too far. This die was cracked between U and n, toward the centre, and again touching d, and running in the same direction.

No. 31.—The 3d and 5th hairs are considerably longer than the 1st, 2nd, 4th and 6th. Date wide; the 1 is too far from the 7. In the legend, T is not in accurate position.

Rev. Stems each 3; angle, 107° . Dividing line of the fraction, $1\frac{7}{8}$. R in "America" is disproportionately large. C in "Cent," is too low.

No. 32.—"Liberty," near the cap and head. Date near the bust. Hair flowing widely back, and in most cases, each particular hair unites with the one adjoining, before terminating. Every specimen of this variety that I have seen, has a deep protecting rim on the observer's left, caused by the piece not having been struck evenly. This die was cracked through the figure 9 of the date.

Rev. Stems $2\frac{1}{4}$, inclined 130° . Resembles the reverse of No. 30, yet having discernable points of difference. The die was cracked through the last s in "States," and afterwards through the last a in "America."

No. 33.—Obv. Same as No. 32.

Rev. Stems 3 and $2\frac{1}{2}$; angle, 125° . No enclosed space between the ribbon and stem on the observer's right; in this respect contrasting with the last. N in "United," has the peculiarity of the same letter in No. 30. Fraction has no dividing line. The die was cracked through the letter d.

*No. 34.—*Several adjoining hairs are twisted together before terminating, as in the cents of 1795-6. The field is shown between the lower hair and the hair brushed back of the ear, $2\frac{3}{4}$ from the end of the latter. In the date, the 7 is longer than either of the other figures.

Rev. Stems $2\frac{3}{8}$ and $2\frac{1}{2}$; angle, 123° . Line between 1 and 100, 2. A in "States," nearly touches the first t. An elevation on the field, looks like an interrupted continuation of the right ribbon end, almost to the milling.

No. 35.—Obv. Same as No. 34. The die was broken across the bust in a line parallel with the pole, $1\frac{1}{2}$ from the latter, and a quadrilateral fragment was broken out from the lower border, including part of the figure 4.

Rev. Stems $2\frac{1}{2}$ and 2; angle, 125° . The peculiarities pointed out in the last, are not seen in this. A line passes obliquely from n in "One," through e in "Cent."

*No. 36.—*Head resembles that of 1795. Date and legend wide and near the bust. Hair twisted like that of No. 34, excepting that the lowest curl is turned in a sharp arc toward the date. The die was cracked from the milling between T and Y, through the centre of the forehead over to the cheek.

Rev. Stems $3\frac{1}{8}$ and 3; inclined 114° . Several letters of the legend are not in proper position, especially St. commencing "States," and the last a in "America."

No. 37.—Head resembles the last. Legend commences nearer the cap. The last curl makes a larger arc in terminating and is narrower.

Rev. Same as No. 36.

No. 38.—Head closely resembles that of No. 36. The date is wider however, and the last curl more like that of No. 37. The expression is one of Roman sternness.

Rev. Same as No. 31.

No. 39.—The exact head of 1795. Like the cent of that year, the legend touches the cap and nearly touches the head. Date 6 wide. The last curl does not arch around like those just described, but terminates like the 95's.

Rev. Stems each 3; inclined 103° . Each letter of the word "Cent," not correctly placed.

No. 40.—*Obv.* Same as No. 11.

Rev. Stems $2\frac{1}{4}$ each; at an angle of 120° . There are six berries on the left hand half-wreath, instead of seven, as on the reverse of No. 11.

No. 41.—Resembles the 17th, excepting in the following particulars; viz. The legend is not indented: the figure 7 is not nearly parallel with the 1, and the 4 is nearer the bust: there are seven termini to the hairs.

Rev. Same as No. 17.

No. 42.—Date 5. Last curl unusually thick. A depression will be found in the head just below its junction with the cap, which is not seen in any other variety. There was a fragment broken from the border of the die to the left of the hair, 6 long.

Rev. Same as No. 24.

No. 43.—Date $5\frac{1}{2}$ and near the bust, the 4 touching it. Legend $1\frac{1}{4}$ from the head—the L $\frac{7}{8}$ ths from the cap. Pole expanded near the end.

Rev. Stems $2\frac{3}{4}$ and $2\frac{1}{2}$; angle 127° . The left-hand wreath has the solitary berry as on the reverse of No. 19, but differs from the latter in having the bow correctly placed.

Experimental Copper pieces made with the dies of the DOLLAR and of the HALF DIME, are said to be known.



HALF CENTS OF 1794.

First.—Date $4\frac{3}{4}$ wide, and farther from the bust than either of the others, and the 9 has the peculiarity of a sharp tail. In common with them all, the 4 is without either cross or stand. A deep depression on the top of the head where the fillet crosses. The pole ends 1 from the milling.

Rev. Stems $1\frac{3}{4}$ and $2\frac{1}{4}$, inclined at an angle of 132° . The 1 of the fraction nearly touches the left hand ribbon end, which is turned aside as if to avoid it. The right ribbon end, on the other hand, comes down nearly to the last 0 of the denominator of the fraction, thus requiring that its dividing line shall be short. We find this variety on planchets of different degrees of thickness, having large letters on the edge. On each of the others yet to be described they are smaller.

Second.—Date $3\frac{3}{4}$ wide; the 9 is larger than either of the other figures; the 1 is distant from the bust and the 4 near it. Only a slight depression made by the fillet.

Rev. Similar to the last. Stems each $2\frac{1}{4}$; angle, 140° .

Third.—Date 4 wide; top of the figure 4 touches the bust, and the 1 is nearer it than the last. Legend "Liberty" nearer the head than either of the others. The hair brushed back of the ear, also the lower hair, unusually prominent. The head is more rotund than any of the family. Fillet depression deep.

Rev. Same as the second.

Fourth.—Date $4\frac{1}{4}$ wide, is parallel with a line connecting the lowest points of the bust—in this respect peculiar—and distant from it. The depression made by the fillet not so deep as on any of the others.

Rev. Similar to the first. The stems are thicker and the dividing line is shorter.

Fifth.—Date 4 wide. The figure 9 much below its proper place. Liberty-pole nearly touches the milling. Many specimens of this variety have two parallel curved lines between the hair and the cap; the latter also has two indentations on its outer border. There is a slight depression in the field above the point of junction of the cap and hair.

Rev. Stems $3\frac{1}{8}$ and 3; inclined at an angle of 125° . The ribbon ends long and nearly symmetrical. The half-wreaths touch at the top.

Sixth.—*Obv.* Same as the third.

Rev. Stems $2\frac{1}{4}$ and $2\frac{1}{2}$, at an angle of 131° . Point in the centre nearly touches the letter N. In the others, it is midway between “Half,” and “Cent.” The die was broken through e in “United.”



